



NEW DIRECTIONS

A R O M A T I C S

MATERIAL SAFETY DATA SHEET

SECTION: 1.1 PRODUCT IDENTIFICATION

Product Name: EMULSIFYING WAX – O
Synonyms: Lanette O
INCI Name: Cetearyl alcohol
CAS #: 67762-27-0
Country of Origin Canada

SECTION: 1.2 COMPANY IDENTIFICATION

Company: New Direction Aromatics Inc.
Address: 6781-Columbus Road, Mississauga. L5T 2G9 Canada
Telephone No: 905-362-1915
FAX: 905-362-1926

24 HOUR EMERGENCY TELEPHONE NUMBER: (613)-996-6666 CANUTEC

SECTION: 2. COMPOSITION / INFORMATION INGREDIENTS

Contents: Cetearyl alcohol
General Chemical Description Cetyl-Stearyl Alcohol
Myristyl alcohol, wt % 3.0
Cetyl alcohol, wt. % 45.0 - 55.0
Stearyl alcohol, wt. % 45.0 - 55.0
Arachidyl alcohol, wt. % 3.0
Myristyl alcohol, wt % 3.0

SECTION: 3. HAZARDS IDENTIFICATION

Skin: Non irritating, **Eye:** Not irritating, **Ingestion:** Considered practically non-toxic

Medical Information: N/A

SECTION: 4. FIRST AID MEASURES

Eye Contact: Non- irritating to eyes
Inhalation: Remove to fresh air.
Ingestion: Rinse mouth with water and consult a physician immediately.
Skin Contact: Skin contacts do not produce irritation, or itching of the skin. Seek medical attention if irritation persists.

SECTION: 5. FIRE FIGHTING MEASURES

Flash Point: 170°C
Extinguishing media: Carbon Dioxide, dry chemical or foam. Closed containers may build up pressure at elevated temperature
Special Procedures: Not any. Determine the need to evacuate or isolate the area according to your local emergency plan.
Firefighting Hazards: None identified.
Protective Equipment: Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving oils or chemicals.
Combustion Product: Carbon Monoxide, Carbon Dioxide

SECTION: 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Not determined
Safety Precautions: Eliminate all ignition sources. Ventilate area. Determine the need to



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Environmental Precautions:	Evacuate or isolate the area according to your local emergency plan. Keep away from drains, surface and ground water. Report spills to appropriate Authorities if required.
Methods For Cleaning Up:	Contain and collect with inert absorbent material and place in suitable container for disposal. Comply with all federal, state, and local regulation. Wipe small spills with cloth. Clean with hot water and detergent.

SECTION: 7. HANDLING AND STORAGE

Handling:	Avoid contact with skin and eyes. Good personal hygiene practices should be used.
Storage:	Containers should be kept closed in order to minimize contamination. Store in a cool, dry, well ventilated place protected from light. Keep away from extreme heat and from freezing conditions and away from all sources of ignition.

SECTION: 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eyes Protection:	The use of safety glasses is recommended.
Respiratory Protection:	N/A
Protective Gloves:	Using chemical resistant gloves is recommended.
Protective Clothing:	Using chemical resistant clothing is recommended.

SECTION: 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White waxy solid Granules
Odor:	Little intrinsic odor.
Solubility:	Insoluble in water.
Boiling Point:	310 – 360°C
Melting Point:	49 – 56°C
Specific Gravity:	0.820 g/cm ³

SECTION: 10. STABILITY AND REACTIVITY

Stability:	Chemically stable. This material presents no significant reactivity hazard.
Conditions to Avoid:	Avoid sparks, flame and excessive heat.
Materials to Avoid:	Strong oxidizing agents, bases and acids.
Flammability:	N/A
Hazardous Polymerization:	Will not occur.
Hazardous Combustion or Decomposition Products:	None known. When heated to decomposition produces acid fumes and carbon monoxide smoke.

SECTION: 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity	LD50 > 5000 mg/Kg body weight
Skin Contact:	Slightly irritating.
Eye Contact:	May not irritate eyes.
Ingestion:	Low order toxicity causing irritation of the stomach and intestines which results in nausea and vomiting.
Medical Conditions Aggravated by Exposure:	No adverse effects on reproduction are known.



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Chronic Toxicity:	May cause allergic reactions on skin
Carcinogenicity Data:	None of the components of this material are listed as a carcinogen.
Reproductive Toxicity:	No adverse effects on reproduction are known.
Acute Toxicity Values:	No data is currently available.

SECTION: 12. ECOLOGICAL INFORMATION

Very toxic to aquatic organism may cause long-term adverse effects in the aquatic environment.
Avoid any pollution of ground, surface or underground water.

SECTION: 13. DISPOSAL CONSIDERATION

Incineration or sanitary landfill in accordance with local, provincial and federal regulations. Check with disposal expert to insure compliance

SECTION: 14. TRANSPORT INFORMATION

Not Hazardous according to RID, ADR, ADNR, IMDG. IATA-DGR, CFR and TDG

SECTION: 15. REGULATORY INFORMATION

WHMIS (Canada):	N/A
NFPA Rating (USA):	Health Hazard – 1 Fire Hazard –1 Reactivity – 0

SECTION: 16. OTHER INFORMATION

Revision Date: August 9, 2011

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SECTION: 17. DISCLAIMER

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CERTIFICATE OF ANALYSIS

Product: EMULSIFYING WAX - O
Lot No.: 30014-A05
Manufacturing Date: April 2011
Best Before: April 2013

<u>Property</u>	<u>Specification</u>	<u>Result</u>
Appearance:	White waxy solid Granules	Complies
Odor:	Little intrinsic odor.	Complies
Solubility:	Insoluble in water.	Complies
Boiling Point:	310 – 360°C	Complies
Melting Point:	49 – 56°C	52°C
Specific Gravity:	0.820 g/cm ³	0.820
Acid value, mg KOH/g	Max 0.1	0.0
Hydroxyl value, mg KOH/g	215 - 225	220
Iodine value	0.50	0.14
Saponification value, mg KOH/g	1.0	0.3

DISCLAIMER:

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CERTIFICATE OF ANALYSIS

Product: EMULSIFYING WAX - O
Lot No.: 30014-A06
Manufacturing Date: April 2011
Best Before: April 2013

<u>Property</u>	<u>Specification</u>	<u>Result</u>
Appearance:	White waxy solid Granules	Complies
Odor:	Little intrinsic odor.	Complies
Solubility:	Insoluble in water.	Complies
Boiling Point:	310 – 360°C	Complies
Melting Point:	49 – 56°C	52°C
Specific Gravity:	0.820 g/cm ³	Complies
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